The Blank Box Newsletter

"Your Source for the Latest in Black Box Devices and De-Scrambling News"

Volume 3, No. 2

SBCA Steps Up Anti-Piracy

War of Words uses scare tactics & squeal campaign . . . mostly talk, little action.

The Satellite Broadcasting and Communications Association of America (SBCA) has stepped up its attack on what it calls "*Videocipher Piracy*", by satellite owners and dealers. Actions by SBCA include setting up an "*Anti-Piracy*" hotline (where dealers can turn other dealers in), providing "anti-piracy" action packets, printing threatening ads advising pirates they will go to jail, and issuing press releases about the evils of piracy.

At one time, many consumers and dealers in the satellite industry assumed that the SBCA was a dealer trade organization with the satellite industry's best interests at heart. But, as many dealers, manufacturers and consumers are now beginning to realize, the SBCA is controlled by cable interests, and has little concern for the well being of the satellite industry.

Even SBCA itself admits that cable interests control the actions of the organization, which is not surprising since most of the executive board of the SBCA is comprised of officials from the cable industry, including HBO.

While the recent attacks on what the SBCA calls satellite signal theft may have drawn widespread media attention, they apparently have had little or no effect on the sales of "*magic*" chips and modified VC II's.

Although the SBCA claims in its anti-piracy action kit that satellite signal theft using a VC II is a federal crime, there has yet to be any case in court that agrees.

If a court ever does decide that using a VC II to illegally intercept scrambled satellite signals is a crime, then the future of the VC II itself may be in jeopardy, as it provides the means to commit the aledged criminal act.

Recent Anti-Piracy Ad

Bulletins

Judgment reached in Kenny's Lawsuit Temporarily Reversed

The lawsuit filed by GI and others against Shaun Kenny took a strange twist this month as the Florida judge in the case found Kenny guilty by default, and accessed a $250,000 judgment against him. The judge made his ruling because Kenny had failed to respond to the paperwork GI presented to the court within the proper time period. At press time, the judge had reversed himself and allowed additional time for Kenny to respond.

Regardless of the outcome of the case in this first round, an appeal by Kenney is expected if the court rules against him (as is expected by many observers).

Shaun Kenny

From the Editor's Desk

Mad As Hell

I've just finished reading the "Anti-Piracy" dealer kit provided by SBCA, and I'm mad as hell. If you have not called and ordered this kit yet, I urge you to do so today. When you see what they are doing to the future of this industry, I hope you too, will feel as I do.

The SBCA, at the urging and direction of GI and the programmers, has made as their number one priority, the elimination of piracy in the satellite business.

To the SBCA, piracy is defined as "*the use of a VC II to steal satellite signals*". And using this definition, they want to go after the dealers who install chips in the VC II.

To stop piracy, they have set up an anti-piracy hotline, where dealers can call and turn other dealers in, and they have prepared an 'anti-piracy action kit' for satellite dealers. The "anti-piracy action kit" contains several pre-written letters that are to be sent by the local satellite dealer to local newspapers, public officials and other organizations warning them of the evils of piracy. The kit also includes a checklist for reporting satellite signal theft, which instructs the reader to contact the FBI, the local police and sheriff, and the consumer protection agencies.

What is apparent from the 'anti-piracy action kit' is that the SBCA knows there is little that can be done legally to stop piracy, and they want to scare dealers out of the business with hollow threats.

I can't believe that they think any dealer out there is naive enough to turn in fellow dealers to the FBI. Even if the FBI responds, the dealer filing the complaint will have to assist in the investigation, testify in court, and may very well be liable for restraint of trade damages filed by the alleged pirate.

And as for the FBI, I called them and asked them how they felt about the SBCA "Anti-Piracy" suggestions. They told me they weren't baby sitters for the satellite industry, and had higher priorities which included chasing down drug pushers, international terrorists, and the like. An agent told me that even if so-called satellite piracy were a crime, the investigation of it would be very low on their list of priorities.

The SBCA has declared war not on pirates, but on the whole satellite industry. They know that, were it not for modified VC II's, the satellite industry would have disappeared over the past two years. Now they want to drive the final nails in the coffin.

Talking about satellite signal theft, where were the SBCA when scrambling stole the signals from two million satellite viewers? That's where the real crime was committed.

Calling us pirates because we seek fair pricing in decoders and programming is like blasting us with a shotgun, and then accusing us of stealing buckshot.

The SBCA totally ignores the real issues of fair pricing for decoders and programming, the decoder shortage, and the decoder monopoly. Why? Because they are owned and controlled by the monopolies that have tried to destroy the satellite industry in the first place.

What can we do about it?

Now that we know who the enemy is (the SBCA), we should decide what we are going to do about it. We can forget about getting congressional action, that won't work. Congress said that the scrambling issue produced more letters than any other matter in many years, but did they listen? No, and they won't, because we don't matter to them.

To survive, we must fight back, now. We must adopt guerrilla tactics, and beat them at their own game.

They've declared war on the satellite industry, and we must fight back. We must use the legal and economic system to our advantage. We will help them lose this fight by turning their own efforts against them.

If the SBCA sets up a hotline and offers an 'anti-piracy' kit, we will use it against them. If they use the FBI to investigate us, we will use the FBI to investigate them. We will win. Just remember, the real satellite signal theft occurred when they stole our free airwaves from us by shoving scrambling down our throats!

What you can do today

Since most of us agree that the biggest pirates are G/I, SBCA, HBO, Showtime, the cable operators, and local cable systems, lets use the 'anti-piracy' hotline to turn them in. Call the hotline today at 1-800-356-3160, and request the 'anti-piracy' kit (it costs them about $15.00 for each kit they mail, so call many times). Use the prewritten forms in the packet to send anonymous letters to the FBI, Attorney General, Newspapers, etc., naming who you think is out to kill satellite (G/I, big cable, programmers?).

The SBCA claims to have hired an Private Investigation agency to investigate names turned in on their 'anti-piracy' hotline, so let's keep those guys busy. To do this, go out to your local cemetery and pick ten names. Turn these in to the hotline.

Our goal here is to keep SBCA busy chasing it's tail. If we work at it, we can. Be sure to do your part!

Letters to the Blank Box

Suggests Ad Censorship?

Dear BBN,

I just received my February issue. It's the best one yet. Especially the article on Al Lewis. Then I saw ICT's ad and their products looked very interesting. So, I gave them a call. We started talking about the newsletter and what a rip-off Al Lewis was. Then, the guy on the phone at ICT, asked me if I knew who I was talking to, and I said no. He told me he was Al Lewis. Boy, was I surprised!

How can you run his ads when he is such a rip-off? I feel that it really discredits your magazine. I know ad dollars keep you going, but do you have to run his ads?

George

Dear George,

Your letter brings up a good point. In the article about Al Lewis, I did identify Mr. Lewis as being currently employed by ICT, but as you pointed out, I did run their ads. The reason I decided run their ads is that I did not want to put myself in a position where I had to begin censoring the ads you see each month. We like to keep the newsletter wide open, and run ads for any product.

But, to prevent problems with scams and rip-offs, we run a complaint column where we list those companies that we get complaints about. Usually when we list a company here, they drop their ad, but if they don't we still run it.

Readers who have questions about the reliability of any company, are welcome to call us and ask what we know about the company or product. While we can't recommend any one, we can tell you if there has been complaints about that company.

I would like to hear what other readers have to say about this issue.

Bill

Is it real, or is it ....

Dear BBN,

I purchased what I thought was a Wizard chip. The chip worked fine, except the basketball games between Virginia/Wake Forest (1-30-88) and between Connecticut/Providence were blacked out on the VC-II.

This chip is not supposed to be a clone. But, doesn't the black out mean that the device is in reality a clone with the master's location set in the black-out area?

Does this mean the wizard is really a clone, even though they say it isn't?

Morris

Dear Morris,

The chip you are talking about probably is a clone. There are many people selling chips that are claimed to be Wizard technology, that are simple clones. Since the average consumer can't tell one chip from another without an EPROM reader and dump software, it is difficult to know what kind of chip you're getting. The only way to be certain of any chip is to get it from the original source, or get it from a reputable dealer.

Bill

Another RipOff to Avoid

Gentlefolk:

Under the heading of "Rip-Offs to Avoid": There is an outfit in Canada called the 'Satellite Connection, LTD.', and alternately as 'Homesat Satellite Systems, LTD.' Both are located in Edmonton, Alberta. In October of 1986 they sent around a letter offering a VZ 2 modification board for $395.00. I sent them a bank money order, which they cashed. To this day (in spite of many phone calls) I have received neither product (which I later found out never existed) nor the return of my money. I am still giving them until mid-March to return my cash, after that I will call the Fraud Report Police. These Folks may be "pioneers", but I suspect that they can be made very sorry that they engaged in international fraud.

M.C.

Dear M.C.,

Thanks for letting us know about this rip off. The only way we can clean up this type of trash is to let everybody know who's a rip off.

I urge all readers who have been ripped off by anyone in this business to let us know, so we can let everyone else know who to avoid.

These con artists won't last long if we spread the word about them.

Bill

Outlaws? Who Us?

Dear BBN,

The other night I heard one of the guys on the barker radio channels call The Blank Box Newsletter an outlaw publication run by a bunch of out-of-control renegades.

What do think about that?

Harry

Dear Harry,

Considering the source of the statement, we view it as a compliment.

Bill

Letters to the Editor may be sent to: The Blank Box Newsletter, 100 Bridge St. #27, Hot Springs, AR 71901. To protect the privacy of our readers, we will not reveal the indenity of the authors of any letters we print.

Technical Tips and Tricks

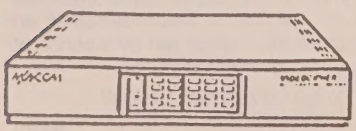
(This information supplied by a reader for informational and educational purposes only.) The reader who submitted this neat VC II modification goes by the pen name of Gandalf.

Have you ever been frustrated with the inability of the VC II to pass subcarrier audio on and encrypted channel? If your is answer is yes, then here is a solution to your problem.

The following is a simple modification that allows front panel control to overcome the problem. This solution works in both the 2000 and 2100 units, and it is absolutely legal.

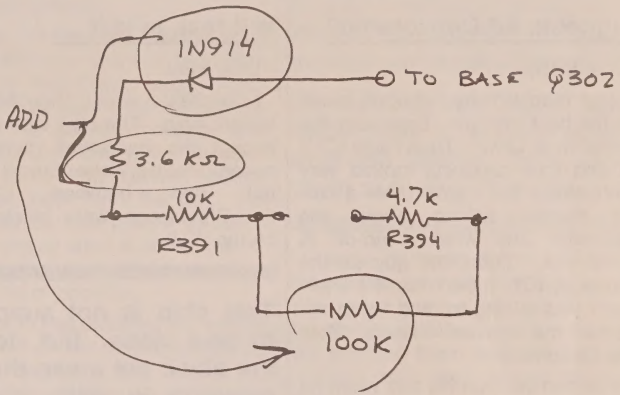
This modification uses the SAT/TV switch on the front panel of the VC II to control the bias of the baseband signal.

If you do not use the SAT/TV switch, then you should complete the entire modification. If you do use this switching feature, (usually to switch from VC II to VCR or external antenna), then you should only complete the first part of the procedure and use an audio amplifier to listen to baseband audio out of the audio jacks on the back of the VC II.



Now to begin.

First, unplug the VC II and disconnect all cables. Remove the top cover to reveal the power supply, 70 mhz IF, and top board. (If you don't use the 70 mhz loop and the VC II, unplug this board (metal shielded), and remove it. It is only producing heat and restricting air flow).



Audio Subcarrier Modification

All modifications will be performed on the top board. You will need the following parts:

1- IN914 or equivalent diode

1 - 3600 ohm resistor 1/4 w

1- 100K ohm resistor 1/4

(Understand that the values are not critical so anything close to the value given should work.)

Now locate the R391, R394, and Q302 on the top board. Connections will be made to these. Q302 is located approximately 1 inch in front of the the baseband in jack. R391 and R394 are located on the front about midway. R391 is 10k and R394 is 4.7k.

On the end of R391 closest to R416 solder 1 end of the 3.6k resistor. Solder the cathode (banded end) of the diode. Be careful as too much heat can harm the diode.

Solder an insulated piece of wire to the anode of the diode (free end), then solder the end of the wire to the base (marked B) of Q302. This completes the first part of the procedure, the disable function using the SAT/TV button.

Going on to Part II.

If you are listening through a TV set, then add the following resistor. Solder one end of a 100k ohm resistor to R394 on the side closest to R393. Solder the other end of the 100k resistor to R391 on the end closest to R394. This disables the switching capability of the SAT/TV switch and only allows satellite signals through.

That's all there is to it. With this modification those of you with 2100 remotes won't feel so foolish, as you can switch to subcarrier audio from your easy chair.

Gandalf

If you have an interesting technical tip or trick that you would like to share with our readers, please write it down, including as much detail as possible and a drawing, and send it to: BBN, 100 Bridge St. #27, Hot Springs, AR 71901.

Notes From the Underground

Have you heard or seen anything offbeat, unusual, or just plain dumb about the satellite industry? Send your offerings to The Blank Box Newsletter, 100 Bridge St. #27, Hot Springs, Ar 71901. If we use your contribution, we won't print your name, but you'll know who sent it.

Massive Turn-off in March?

Sources tell us that G/I has hired over 100 additional phone operators to handle the lines at the authorization center for March 19 through the 23rd.

The rumor mill has it that during these days, G/I will be de-authorizing premium services on a large number of VC II's. Those people that call and complain, will be reauthorized, but those people who don't call will be assumed to be pirates, and left off.

G/I assumes that pirates will be unaware that they have been deauthorized, as most pirate chips will continue to work through this process. After that, G/I will send a new data stream only to the reauthorized boxes, in an effort to kill the pirate units.

All this is scheduled to coincide with the STTI/SBCA satellite show being held in Las Vegas during the same time. The turn off is supposed to be a show of force by G/I.

Problems with the VLSI?

Sources tell us that during last month's massive turn off of boxes by G/I (code name Hammer), it was discovered that the VLSI was also affected by the changes in the data stream made to knock down pirate boxes.

This reported problem interferes with G/I's rumored plan to kill off all the C-4's, and may delay that effort indefinetly.

While G/I denies these type of rumors, a G/I spokesperson did say that the VLSI will be introduced sometime after the Las Vegas show. As for the turn off and recall of the C-4 boxes, he says G/I has not yet made up its mind on whether there would be a recall or not.

Ralph Heller Interrogated

A source told us that a recent meeting set up with Ralph Heller to discuss his financial arrangements for paying a $42,000 fine (for violating a court order), turned into a old-style witch hunt.

According to our sources, when Heller arrived at the meeting, he was surprised to see it attended by many G/I employees, private investigators, and FBI officials.

Heller soon found out that the main topic of interest at the meeting was not his finances, but his knowledge of individuals on a certain list of persons supposedly involved in the satellite underground.

Heller was asked questions about a number of individuals whose names appeared on a list apparently developed by G/I and private investigators.

When questioned about the accuracy of some of his responses, Heller accused the FBI of using a wire tap (which is forbidden in civil cases). The FBI quickly and vehemently denied the wire tap, and in the process, a G/I employee was accidentally struck in the face by an FBI agent waving his arms.

The poor fellow from G/I was struck so hard that his glasses flew off, knocking one of the lens out.

The charge of illegal wire taps by the FBI and the resulting commotion brought the meeting to a close.

(We'd like to thank our source for this information; we won't name him, but he knows who he is.)

Black Box Waiting List

If you want a video stabilizer from Sparks, you'll have to get in line. Sparks is now advising his customers who order a black box , that they should be prepared for a 90 day delay.

The long delays are due to increased demand for the custom built boxes, which are intended as experimental video stabilizers, but customers have found out that the units can descramble most sources of video signals including VC II, OAK/ORION, Sony, Anik, and others as well as most cable systems.

The Sparks' black box is based on a design published in the widely circulated Black Box Solution manual. Sparks Phone # is 512-257-2196.

Product Reviews & Blues

Hink Adds Worm to Line of TMS7000 Software

Hinks Worm - A high level software tool which aids the disassembly of TMS7000 programs. IBM format

For those of you who have wondered how is it possible to take a computer chip from a circuit board and and convert that into an understandable computer program that could be modified and tested, here is part of the answer.

By using a series of very sophisticated computer programs offered by Hink's Software, it is possible to do the seemingly impossible task of breaking complex and sometimes encrypted code.

Joe Hinkle, the brain behind all of Hink's software, has developed a set of software tools that makes the impossible possible. A programmer using Hink's Worm, Hink's Disassembler, and Hink's Simulator, can break the code of even the most sophisticated TMS 7000 software. (For those of you who don't already know, many of the chips in the VC II use TMS 7000 software, thus the popularity of Hink's programs).

What is a worm?

If you have attempted to disassemble a program (convert machine language into understandable code), the task may not have been as easy as you would have liked. A program is composed of various blocks of data in many formats (8 bit relative, 16 bit relative, ascii, encrypted, and possibly even garbage). Before you can disassemble, you must sort this all out. This is where the Worm comes in.

As all programs have at least one identifiable starting address, the Worm can be started and will continue snaking through the program, until every executable instruction has been identified. While it does take several passes, and sometimes hours for the program to accomplish this, the Worm handles a task that would otherwise be humanly impossible.

Once the Worm's work has been completed, you can then run your disassembler program from the .cmd file built by the worm. You then edit the disassembler output (identifying garbage), disassemble once more, and you will end up with a totally disassembled program in about one hundredth of the time it would have normally taken.

Quite obviously, Hink's line of TMS7000 software is not for everyone. But, if you are involved in research into products using TMS7000 software, then Hink's software tools are a must.

HInk's Software. 3658 Wagner Ridge. Ann Arbor, Mi. 48103. 1-313-662-2840

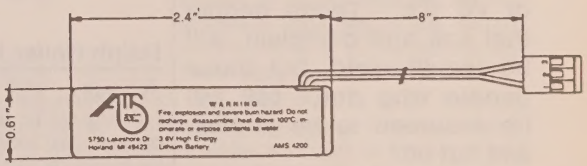
Super Battery Offered for VC II

The Super Battery - A highly reliable, easy-to-install, plug-in replacement for existing VC II batteries. $15.95

If you've been worried about the battery going dead in your VC II, and have been looking for an easy, low-cost way to replace it without having to send your unit off somewhere, Advanced Micro System has the answer.

Advanced Micro System now offers a High Energy replacement battery for all VideoCipher Decoders. This simple system includes a Super High Energy AMS-4200 Lithium Thionyl Chloride Battery assembly, an eight inch extender cable, a plug for the VC II battery socket, and velcro strips for battery attachment to the VC II case.

The unique approach offered by this system, allows quick and easy in-home battery replacement, and the relocation of the new battery to outside the VCII on either the back or outside of the case. The module plug and extender cable eliminate all future soldering for battery replacement.


2.4"
8"
0.61"
WARNING
Fire, explosion and severe burn hazard. Do not recharge, disassemble, heat above 100°C, incinerate or expose contents to water
3.6V High Energy Lithium Battery
AMS 4200
5750 Lakeshore Dr
Holland MI 49423

Electrical Specification

Open Circuit Voltage	:	3.65V - 3.72V
Discharge Capacity 36K	:	1900 mAh max. 1600 mAh min.
Operating Temperature	:	-40°C - +75°C
Storage Temperature	:	-55°C - +75°C
Self discharge rate	:	20°C 1%/Y typical 40°C 6%/Y max.
Max. current for continuous use:		1.5 mA

Super Battery by Advanced Micro System

The Super Battery is rated at 1900 mAh as compared to the original VC II battery's 650 mAh. The Super Battery is priced at $15.95. each. The Super Battery. Advanced Micro Systems. 5750 Lakeshore Drive. Holland, Mi. 49424. 1-616-399-6390.

Follow Up and Unfinished Business

The Cathouse Responds

Last Month we carried a review of the Cathouse Bulletin Board. We recently received the following letter from the Cathouse "Sysop" (System Operator). We thought you might be interested in his thoughts.

Dear Bill,

Thank you so for featuring The Cathouse in the Blank Box Newsletter. We have a satellite questionnaire that everyone must fill out before that allowed access. We ask then where they heard of us and 90% say Blank Box!! Since the first time we advertised in your publication we have quadrupled our membership!! The Satellite section has gone over so well and it is because of your support and the paid members, that we just put The Cathouse into a brand new home. The Cathouse is now a Tandy 3000 with a 20 meg hard drive (another 20 is on the way), and TBBS 2.0S software. We will also be adding another line into the computer and this will allow members to chat with other members on the system at the same time! We also are adding a U.S. Robotics 9600 HST modem soon for ultra-high speed transfers.

We have come a long way Bill, and we owe a lot of our success to you and the readers of The Blank Box Newsletter. We expect to grow even more because your readers seem to be very loyal. I think we offer more than any other bulletin board with satellite interests. Our membership fee is now $25.95 per year (which is used to pay for the computer equipment). I think most members will agree it's worth it because the system is lightning fast, and has a lot to offer.

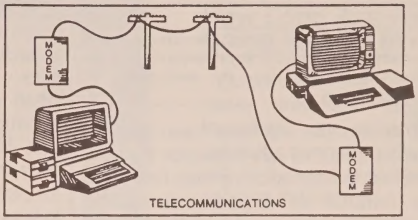
We even have The Doctor's Office!! What's that? Its "Dr" Lee Hadlock's office where he answers his mail and a wide array of questions.

If there is one thing I want to mention, it is how our members have responded to freely give money to Shaun Kenny's Legal Defense Fund. These people should be highly commended for this in Shaun's time of need. We continue to send money to the LDF and hope others will too. It's time that the little guy be heard from, and not just the big corporate giant with all the money who buys all the power.

With a little help we can have the right people listen to us. We just need to help Shaun get over this horrendous injustice. He is doing our dirty work for all dish owners, and cable users too.

Once again thank you for your trust and your help. We will continue our support for this industry!

(The Cathouse Computer Bulletin Board has a satellite section. It can be reached by 1200/2400 modem at 1-513-528-0707, or 1200/2400/9600 at 1-513-528-0505.)



Computer Bulletin Board

Satellite TV Pre-Vue Delivers

As we reported last month, Satellite TV Pre-Vue agreed to take over the subscription commitment of In-View magazine which discontinued publication last month.

Within days of the announcement, Satellite Pre-Vue was in the mail boxes of In View subscribers.

While we liked the editorial stance that In View presented better than that of Satellite TV Pre Vue, we want to commend them for doing such a good job of carrying on the In View committment. Tim Jackson, the publisher of Satellite TV Pre-Vue, did a good job to insure that In-View subscribers were not left out in the cold.

If you would like to call Mr. Jackson or contact Satellite TV Pre-Vue reason, they can be reached at 1-800-992-3488.

Late Developments . . .

The 018 Key Extraction Boards Arrive.

In the current issue of this newsletter you will see several ads for 018 key extraction units. In this article we examine the development of these products.

For months we have been hearing about the 018 key extractor boards. At first the technology was limited to a handful of experimenters who claimed they could extract keys from the latest 018 series of VC II's. These early methods required the use of digital oscilloscopes interfaced to IBM computers and took several hours to extract a single set of keys.

The success of these attempts provided hope, but they were still far from perfect, and on the average only worked 40% of the time.

In addition, the equipment required to pull keys, and the development costs, made 018 key extraction very expensive. In fact, the price to extract a single set of keys was set at $5000.00 by the Candian group calling themselves The Blues Brothers. And if you wanted to purchase the technology behind this system, it would have cost you $100,000.

After a few experts reviewed the first system (from Canada), it was discovered that the basis for key extraction was a simple timing circuit that could be duplicated using off the shelf computer technology.

As more and more experimenters acquired key extraction technology and saw the potential profit, a race was on to see who could develop a 081 key extraction system to cash in consumer demand.

The latest batch of key extraction boards are a far cry from the early wire wrapped boards that failed as often as they succeeded. Current products are simple stand-alone circuit boards that require very little user intervention, and can successful pull keys from a 018 series VC II in less than 30 minutes.

Even these current boards pale in comparison to very latest boards which can extract keys in less than 8 seconds, store them, and then dump them back into a VC II with just the push of a few buttons on the front panel of the VC II.

They said it could never be done. This 018 technology was claimed unclonable.

Apparently, they were wrong.

This latest *extract and store* technology was developed by the same people that developed the Parasite decoder. Using the knowledge they gained when working on the Parasite, they were able to do what, to date, no one else has been able to do with key extraction, to extract keys as well as rewrite them. The price of their board is currently less than $3000.00.

The designers of the Parasite Battery Replacement Unit stress that the unit was designed only for legal battery replacement. With this use in mind, the unit was engineered so that the board performs key reloading as well as key extraction. They point out that no other board on the market includes this feature which is absolutely necessary during the battery replacement process. In essence, they have the only user friendly, all-in-one 018 key puller and loader on the market.

The high demand for 018 key extraction boards is not unusual, as such a product is necessary for battery replacement or cloning legal units to be used in the same household.

Since many consumers are concerned about the battery life in their VC II, it is not unusual for a VC II dealer to receive consumer requests for battery upgrades.

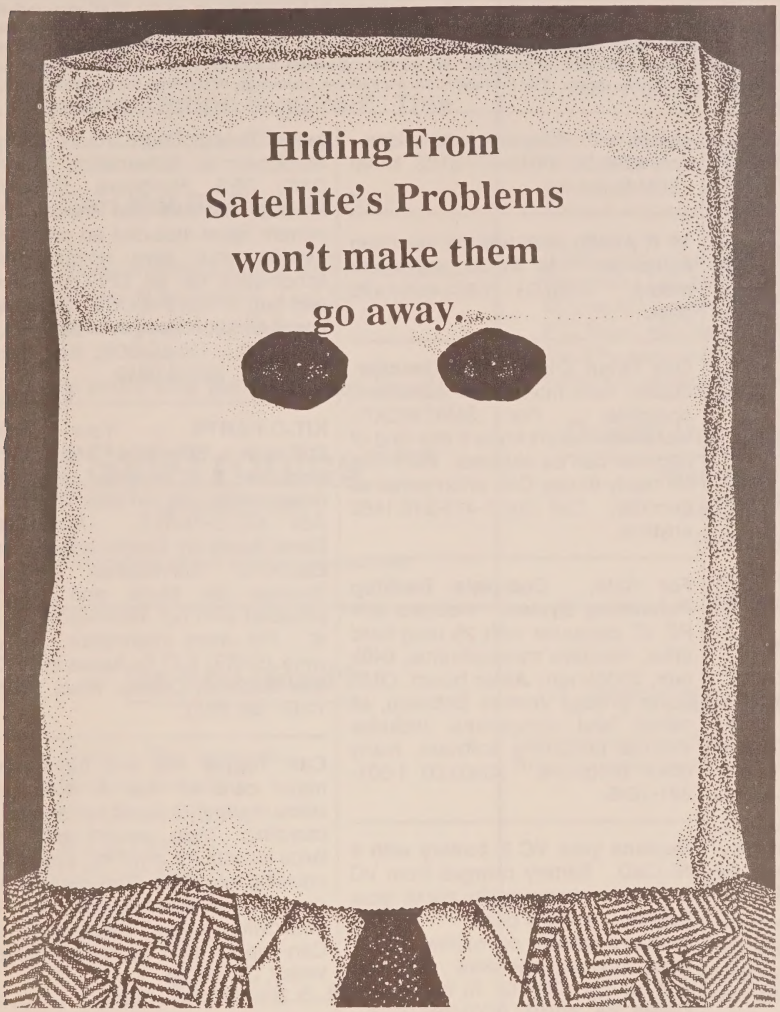
The key extraction board allows a dealer to extract all the vital information from the VC II, so that in the event the unit dies or loses memory during repair or battery upgrade, the unit can be restored with the original information. Until the 018 key extraction boards existed, there was no safe way this could be done. But now, this has changed.

It should be noted that 018 boards can be used to create clones of 018 units into other models of VC II's, but most developers of the product claim that they were not developed for this purpose. Obviously if C4 units are killed, then the 018 key extraction boards could be used to clone them to unaffected 018 units.

(More information about the 018 Key Extraction Board developed by the parasite engineers can be obtained by calling 1-501-624-1914).

It should be noted that 018 key extractor boards are also available from a number of other sources, many of which advertise in tBBN).

Closing Thoughts . . .



How Long Are We Going to Take It?

Once more the giant cable interests have launched a massive publicity campaign that will further damage the satellite industry.

Again, they hide behind a weak trade organization and this time they are trying to drive the final nails in the satellite industry's coffin.

Although they themselves are the ones who stole satellite signals from more than 3 million of us when they shoved an ill thought out scrambling plan down our throats, they have the audacity to call us pirates when we refused to accept what is economically and morally wrong.

They have proven that they can fight dirty, using all the tricks they need to win, including terroristic threats, lying to Congress, and abusing the U.S. Constitution.

How long are you going to take it?

Isn't It About Time We Stood Up For Our Rights?

Abuse of Power. That's all it is pure an simple. They have money and we don't, so they make the rules, break the laws, call us criminals and drive us underground. Haven't you had enough? Isn't it time we do something about this situation?

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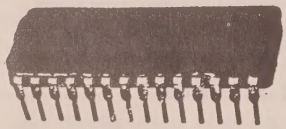

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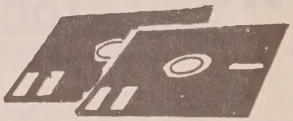

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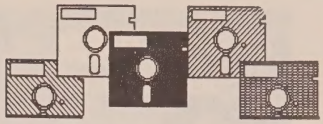

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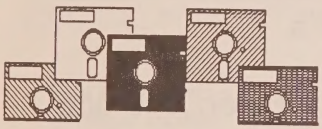

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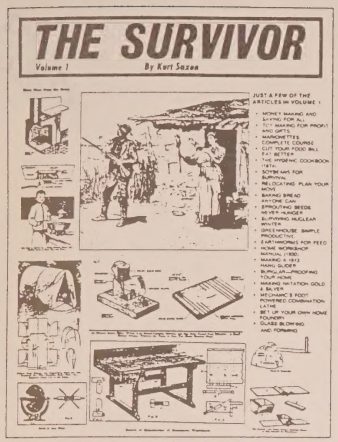

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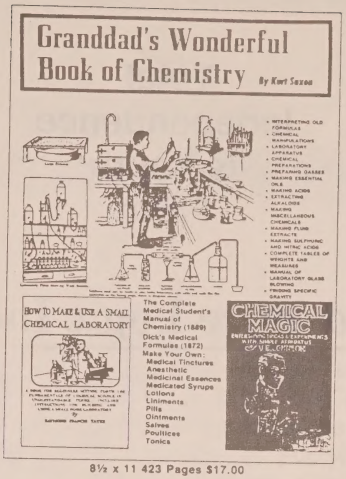

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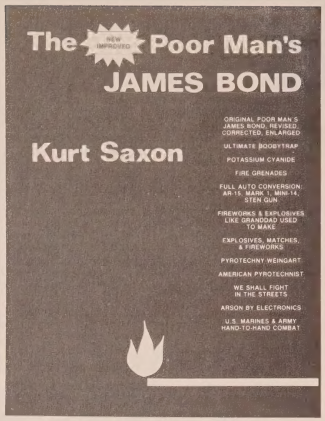
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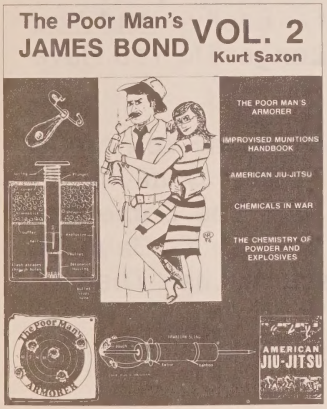

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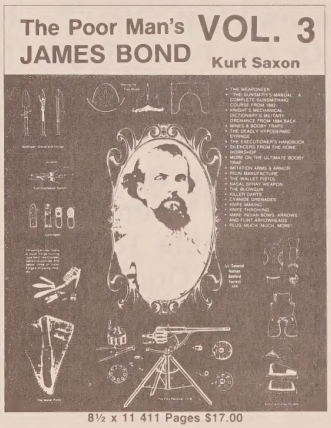

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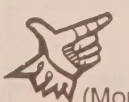

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2) 1 run chip for the 2100, A0181, IRD's, 2000 units
3) 1 Generic Keys-R-Us repair chip for address numbers 0100-0106 units.
4) 1 4mt for address numbers 0100-0106 and IRDs
5) 1 4mt for address number 0100-0106 and IRD's that have been cloned.
6) 1 IBM compatible disk with the software for all the chips
7) 1 schematic for the VC II, Manual for Keys-R-Us repair chip, installation manual, epoxy remover, helpful hints, trouble shooting.

All chips and software are good. If the products should ever prove defective, we will send you free software to upgrade. Some persons paid $10,000 or more for this. You can have it all for a limited time only for $500.00. 100% satisfaction guarantee. All orders are shipped COD.

If you do not have an EPROM programmer, we will make you duplicates of the chips for $20.00 each. Minimum of five chips at a time.

SOFTWARE

VC-Tech

1-416-849-2500

24 hours a day, 7 days a week

For fastest service when you call, tell the operator you would like us to ship it to you, or if you would like more information, leave you name and phone # and the best time to call you back.

This product sold only for testing VC II, it may be illegal in the U.S.A.

All The Software You Need for the VC-II

"To put you in total control of the VC II Industry" from the unit 2000-2100 A0181 and higher plus IRD's. Our A0181 and Higher is not a clone and will not alter or change your original address numbers, no ID # is required, no subscriptions to make it work, you get the Pay-Per-Views, too, and it will update each month plus it will work in the 2000, ID # 0100-0103 units and you still can use parental lockouts on all 2000-2100 units.

We will send you 5 chips plus 1 disk for IBM & compatibles with all the software you need to make any VC II work.

1) 1 master for the 2100 A1081, IRD's, 2000 units (it will not have to be updated monthly)
2) 1 run chip for the 2100, A0181, IRD's, 2000 units
3) 1 Generic Keys-R-Us repair chip for address numbers 0100-0106 units.
4) 1 4mt for address numbers 0100-0106 and IRDs
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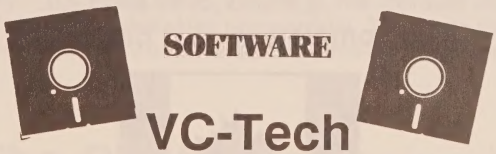

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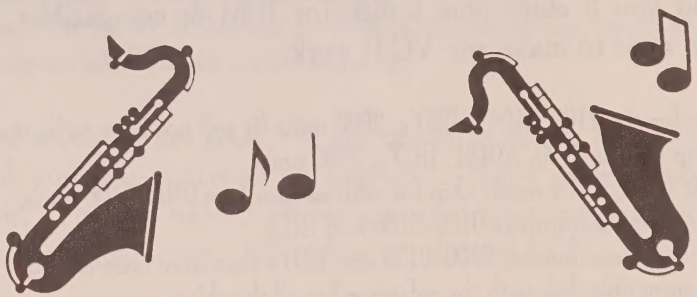
The Blues Brothers



Key-Pullers for 018 boxes now available.

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Latest Breakthru's!... Improved Video Quality!

Breaking the VC II - A Pirate's View Volume II!

"A Video Documentary Unlike Anything You've Ever Seen"

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This Video tape shows it all!

The Pirate Video – Volume Three Includes:

- The **Incredible Wizard Technology** for the 018, IRD's and the 2000
- 018 Key Extraction Boards (**Omnitec & Parasite**), which is the best?
- **The Doomsday Chip** - Fact or Fiction?
- **Hink's Worm** - the easy way to break TMS7000 Code
- **Reviving Brain Dead Boards** the easy way
- Controversy at the Las Vegas STTI Show
- Late Breaking Underground News

If you want to see the very latest advances in the technologyfromf the satellite underground, then you will want this video documentary. **The Pirate Video, Volume III**, has improved video and audio quality, and gives you an exclusive look at the very latest video piracy activity. **The Pirate Video, Volume I** is sold out, and Volume II is almost gone. If you want a rush copy of Volume III, order today, while they are still available!

Ask for The Pirate Video $30.00 (VHS Only)

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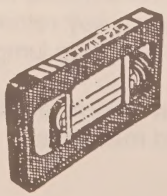
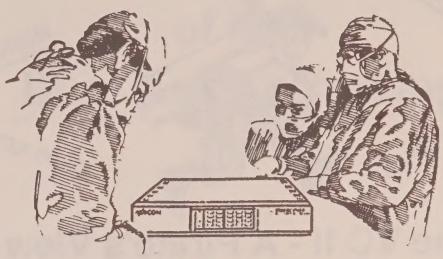


The purpose of this video tape is to document events and products from the satellite underground. This documentary tape is not intended to be used to promote illegal products or activities. This product sold under protection of the U.S. Constitution.

As Seen on Boresight News!

The Good Doctor Can SAVE Your VC II.



Archive Your Unique Keys & Serial Number Before It's Too Late!

The number one cause of VC II failure is brain death, where the main processor of the VC II fails. This failure is usually caused by one of the reasons listed below:

- **Removing Circuit Board without unplugging unit**
- **Tampering with VC Circuity and Sockets**
- **Failure of *Enhancement* Replacement Chips**
- **Turned off Serial Numbers on Clone Chips**
- **Electronic Counter Measures by GI**
- **Overheating of circuit board Due to Epoxy**
- **Battery Failure**

We Have Batteries!

$8.00 each (single lot)
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If you don't archive your keys, and your box goes brain dead, it can cost you over $300.00 to have it repaired, and you still will never get your old serial number back! Protect your $400.00 Investment with Key Archive from Lee.

If you would like to perform the Key Archive yourself without sending out your board, a do-it-it-yourself battery replacement kit is available for $75.00. This kit includes one personalized key-dump chip, 2 batteries, and complete instructions on how to use.

Lee Hadlock, the VC II technical expert you've seen on **Boresight**, is now offering you his personal services to help maintain the performance level of your VC II. DCSC's services include key retreival and archive, battery replacement, VC II repair, installation of sockets, flexy strip jumpers.

To learn more about DCSC's products & services, call 1-609-931-0655 for recorded message .

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Now you can finally get your hands on it.

The Amazing Keyboard Wizard!!

This is the breakthrough product that everyone is talking about. Works in any VC II. Not A clone! Uses Bullet Proof Technology. This is the one!

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There is only one authorized source for Wizard Technology.

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Send your entries to:

I.C.T.

P.O. Box 40877
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Next month we will announce when and where the drawing will take place, and how many winners there will be.

Thanks for making us Number One.

David Leigh
President, I.C.T.

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We have the Telstar Zap channels and the cable video store in the 50 keys plus system. And dealers, we are selling you the software package needed to get your customers turned on, and you will never have to worry about them being turned off by G.I. again.

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Intergrated Circuits Technology has the One and Only True Key Extractor

Extracts Keys as soon as you push a button... no more waiting 10 minutes for information to appear. The best extractor on the market!!

Guaranteed!!

For the months of march and april you will be able to buy this key extractor for all the 018 blue boards for only $1500.00. The best product, now at the best price.

You will never find this extractor at a lower price! Order now for immediate shipment.

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We at Intergrated Circuits are proud to be number one!!
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To date we have in excess of seven thousand units up and operating, and in order to celebrate our success, the months of march and april we are offering modified videocyphers with the most advanced software installed for the super low price of $595.00 each.

That's right $595.00 each plus shipping. And if you already own a videocypher, we will modify it for you for only $195.00 plus shipping.

We again wish to thank you for making us number one.

David Leigh
President - I.C.T.

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has the

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* Works in old or new videocyphers

Dealers, sign up now for Protected areas!! Demonstration Video Tape (VHS) available for $20.00. This chip has been protected using the most advanced encryption system available. It also uses intel 27916 Eproms which avoids all eprom burners. This chip can not be copied without our copy code.

Price $450.00 each

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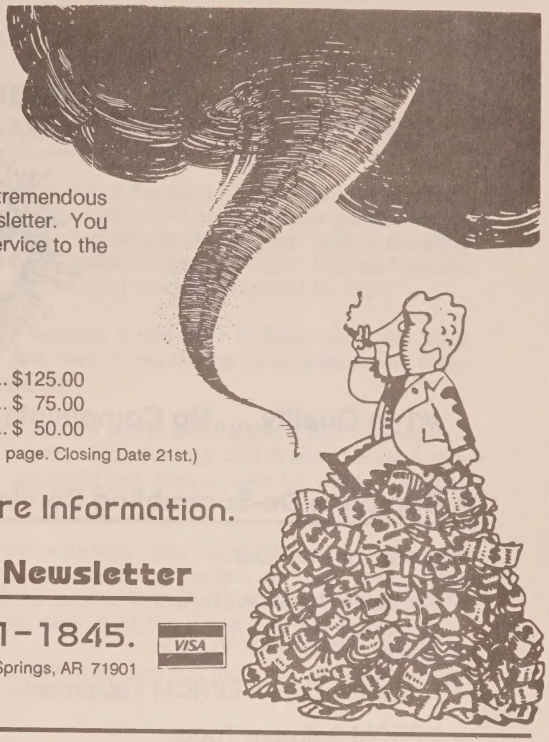
(Orders will be taken in the months of march for shipping in april.)

Get Blown Away . . . .



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Magic Chips, Black Boxes & Video Piracy

"Magic Computer Chips and home-made Black Boxes are some of the tools of the video pirate, whose goal is to right the injustice of satellite signal scrambling. The corporate hoodlums have gained control of the satellite industry and they have forced their scrambling monopoly on three million unwilling American families. The battle to free the airwaves has been forced underground but high tech pirates are gaining ground. The empire still controls the media, and we must struggle to spread the truth."

If you want to know about the **dark side** of the satellite industry, if you want to know about the latest developments in **black boxes** and **magic chips**, and if you want to see ads by companies selling these products, then you will want to read **The Blank Box Newsletter**.

While we don't encourage video **Piracy,** we think it is important for you to know about it, and we present it in a way that scares the power structure of the satellite industry. If you're **sick and tired** of having someone else decide what information and product ads you shouldn't see, then its time for you to read **The Blank Box Newsletter**.

The satellite industry has **suffered**, and we think you should know why. Yes, they have tried to force us out of business and yes, they made us change our name, but thanks to our readers, we have survived and have grown stronger. The **corporate thugs** that control the satellite industry have tried to hide the truth, but we have exposed them for what they are. For the whole story, read **The Blank Box Newsletter.**

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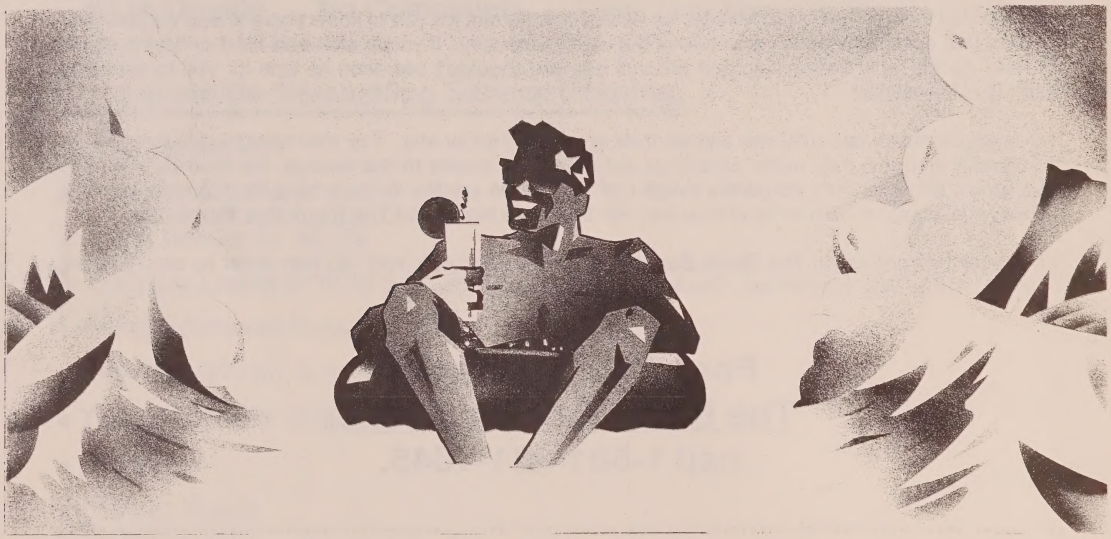
And you're sitting out in the cold.



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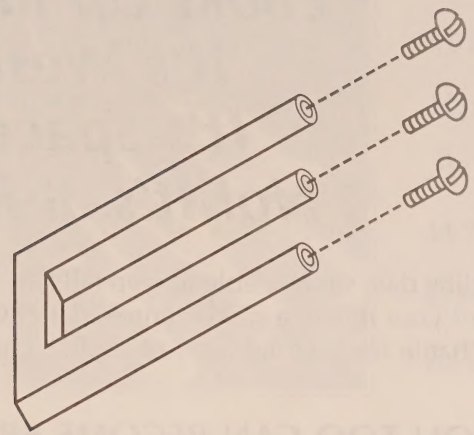

Try to figure out how this simple mechanical drawing works.

—NOW ANSWER THESE QUESTIONS—

- **Did you purchase a cheap 018 device that met a sudden death recently?**
- **Were you able to contact the seller within 48 hours?**
- **Did you receive a free software grade within 72 hours?**

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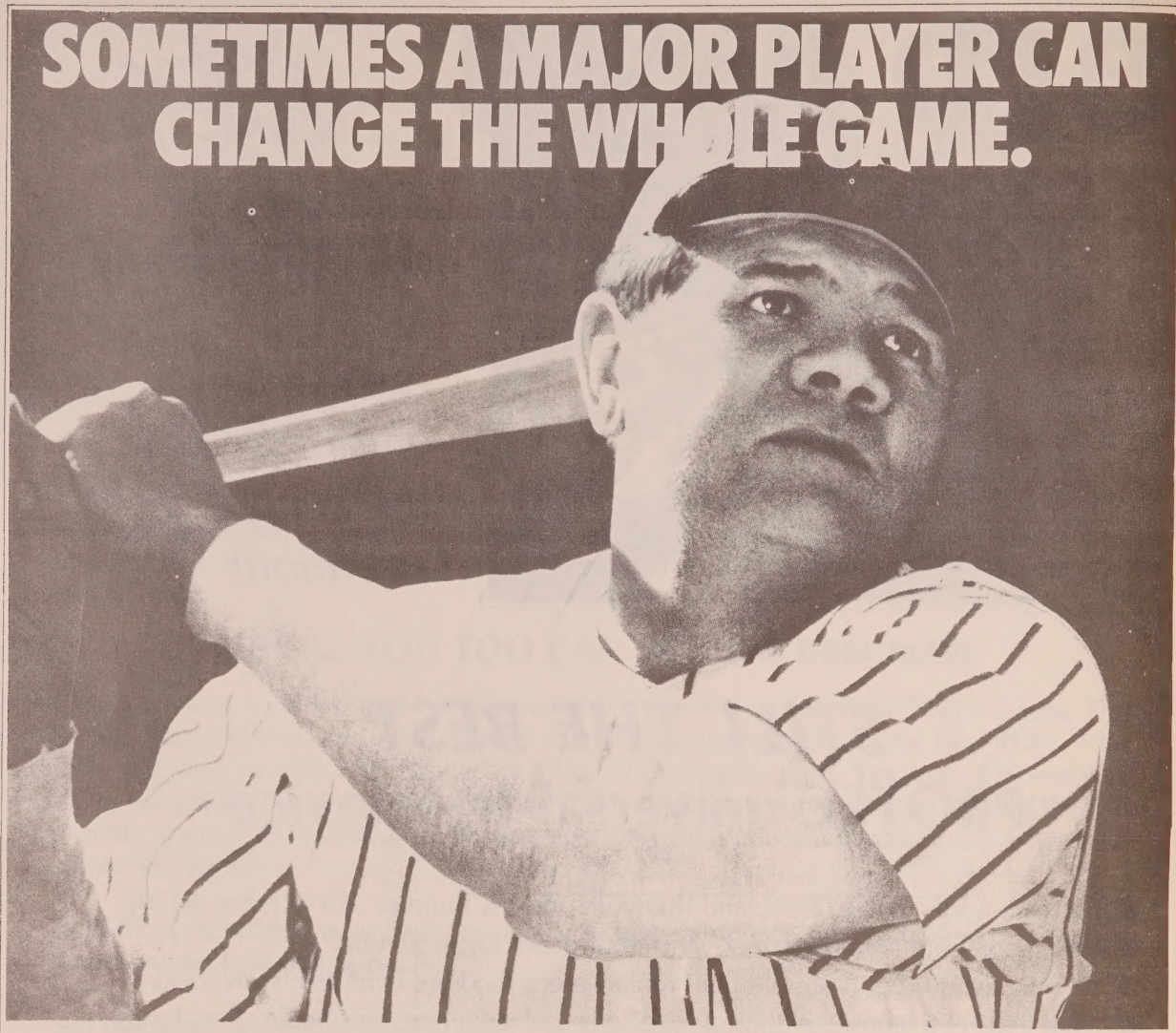

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3-D test device

(decipher data detection)

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3-D test device
(decipher data detection)

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